

## U.S. Department of Agriculture, Agricultural Research Service

### Systematic Mycology and Microbiology Laboratory - Nomenclature Fact Sheets

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#### ***Pseudocercospora timorensis* (Cooke) Deighton 1976**

This fungus has received attention under the name *Cercospora batatae* Zimm. 1904, and is listed by APHIS as a Regulated Plant Pest in the United States. *Cercospora* “*batatae*” is the original spelling; the epithet has been corrected to “*batatas*”. Hennings (1907) published an illegitimate later homonym based on a different type derived from the same original collection.

Chupp (1953) considered *Cercospora batatas* to be synonymous with *Cercospora timorensis* Cooke 1883, later transferred by Deighton to the genus *Pseudocercospora* as ***Pseudocercospora timorensis* (Cooke) Deighton 1976**. Pollack (1987), Little (1987) and Crous & Braun (2003) have accepted Chupp’s judgement that *Cercospora batatas* is a synonym of *Pseudocercospora timorensis*. *Ramularia batatas* Racib. 1900 and *Cercospora ipomoeae-purpureae* J.M. Yen 1965 are also listed by Crous & Braun (2003) as taxonomic synonyms of ***Pseudocercospora timorensis***. **The epithet *timorensis* has priority as the oldest name therefore the currently accepted scientific name for this fungus is *Pseudocercospora timorensis* (Cooke) Deighton 1976.**

#### **Nomenclature Report**

#### ***Pseudocercospora timorensis* (Cooke) Deighton 1976 (Ascomycetes, Mycosphaerellales)**

≡ *Cercospora timorensis* Cooke 1883

= *Cercospora batatas* Zimm. 1904

Variant spelling *Cercospora batatae* Zimm. 1904 Note: Original spelling. (batatas greek neuter noun?).

= *Ramularia batatas* Racib. 1900 Note: Corrected spelling.

Variant spelling *Ramularia batatae* Racib. 1900 Note: Original spelling. Greek neuter noun?

= *Cercospora ipomoeae-purpureae* J.M. Yen 1965 Note: Year changed from 1970 (checked protologue).

≡ *Pseudocercospora ipomoeae-purpureae* (J.M. Yen) J.M. Yen 1980

**Notes:** *Cercospora ipomoeae-indicae* Sawada 1943 is a possible synonym (Chupp 1953).

**Distribution:** South America, Asia, Australia, Africa.

**Substrate:** Leaves.

**Disease Note:** Leaf spot. Listed by USDA APHIS as a Regulated Plant Pest.

**Host:** *Ipomoea* spp. including sweet potato (Convolvulaceae).

#### **Supporting Literature:**

Chupp, C. 1953. Monograph of the fungus genus *Cercospora*. Published by the Author, Ithaca, New York, 667 pages.

Crous, P.W., and Braun, U. 2003. *Mycosphaerella* and its anamorphs: 1. Names published in *Cercospora* and *Passalora*. Centraalbureau voor Schimmelcultures, Utrecht, 571 pages.

Deighton, F.C. 1976. Studies on *Cercospora* and allied genera. VI. *Pseudocercospora* Speg., *Pantospora* Cif. and *Cercoseptoria* Petr. Mycol.

Pap. 140: 1-168.

**García, C.E., Pons, N., and Benítez de Rojas, C.** 1996. [*Cercospora* and similar fungi on *Ipomoea* species]. Fitopatol. Venez. 9: 22-36.

**Little, S.** 1987. *Pseudocercospora timorensis*. C.M.I. Descr. Pathog. Fungi Bact. 918: 1-2.

**Pollack, F.G.** 1987. An annotated compilation of *Cercospora* names. Mycol. Mem. 12: 1-212.

Verified By: Erica On Sep 27, 2005

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